

ABSTRACT

[00309] The present invention relates to recombinant Rhabdoviridae, isolated nucleic
5 acids, vectors, cells and compositions comprising same. The recombinant
Rhabdoviridae, isolated nucleic acids, vectors, cells and compositions express
Rhabdoviral proteins including a mutated matrix protein (M) and/or a mutated
glycoprotein (G), in addition to expression of at least one foreign nucleic acid. The
present invention also relates to methods of use thereof, including their use in vivo, in
10 anti-cancer applications, such as in the treatment of gliomas. The recombinant
Rhabdoviridae of the present invention are also useful in gene therapy and vaccine
applications.

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